

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Withdrawn) Method for cooling a roller device, which consists of a right bearing housing, a left bearing housing, and a roller, which is rotatably supported by journals in the bearing housings, especially of strand guide rolls, roller table rollers, pinch rolls, support rolls, or driving rolls in continuous casting plants, in which a cooling medium cools the bearings (13, 14) mounted in the bearing housings (2, 3) and passes through an axial bore in the roller, wherein the cooling medium enters the bearing housing (2, 3) of the roller device (1) on one side, passes around the bearing (13, 14) mounted in this bearing housing (2, 3), then flows through the axial bore in the roller (4) to the other side, passes around the bearing (13, 14) mounted in the other bearing housing (2, 3), and is then discharged from the roller device (1).

2. (Withdrawn) Method in accordance with Claim 1, wherein the cooling medium passes from the bearing housing (2, 3) into the rotary passage (7, 8) through a rigid or flexible connector (5, 6) that is flange-mounted on the end face.

3. (Currently Amended) A roller ~~Roller~~ device, which consists of a right bearing housing, a left bearing housing and a roller, which is rotatably supported by journals in the bearing housings, ~~especially of strand guide rolls, roller table rollers, pinch rolls, support rolls or driving rolls~~ in continuous casting plants, in which a cooling medium is passed through an axial bore in the roller, and bores ~~(15)~~, which form a closed cavity, are arranged around ~~the~~ bearings ~~(13, 14)~~ mounted in each of the bearing housings (2, 3), wherein a cooling medium inlet is provided in a first of the bearing housings, and a discharge bore for the cooling medium, which is arranged on an the end face of a second of the bearing housings housing (2, 3), is located next to a the bearing cover (9, 10) so that the cooling medium flows into the inlet in the first bearing housing, through the axial bore in the roller and out the discharge bore in the second bearing housing.

4. (Currently Amended) The roller ~~Roller~~ device in accordance with Claim 3, wherein a ~~the~~ rotary passage ~~(7, 8)~~, which is arranged centrally in the bearing cover ~~(9, 10)~~, is connected by a rigid or flexible connector ~~(5, 6)~~ with the discharge bore on the end face of the second bearing housing ~~(2, 3)~~.

5. (Currently Amended) The roller ~~Roller~~ device in accordance with Claim 4, wherein the rotary passage ~~(7, 8)~~ is detachably connected with the bearing cover ~~(9, 10)~~.

6. (Currently Amended) The roller ~~Roller~~ device in accordance with Claim 4 ~~3~~, wherein the rotary passage ~~(7, 8)~~ in the bearing cover ~~(9, 10)~~ can compensate linear expansion of the roller ~~(4)~~.